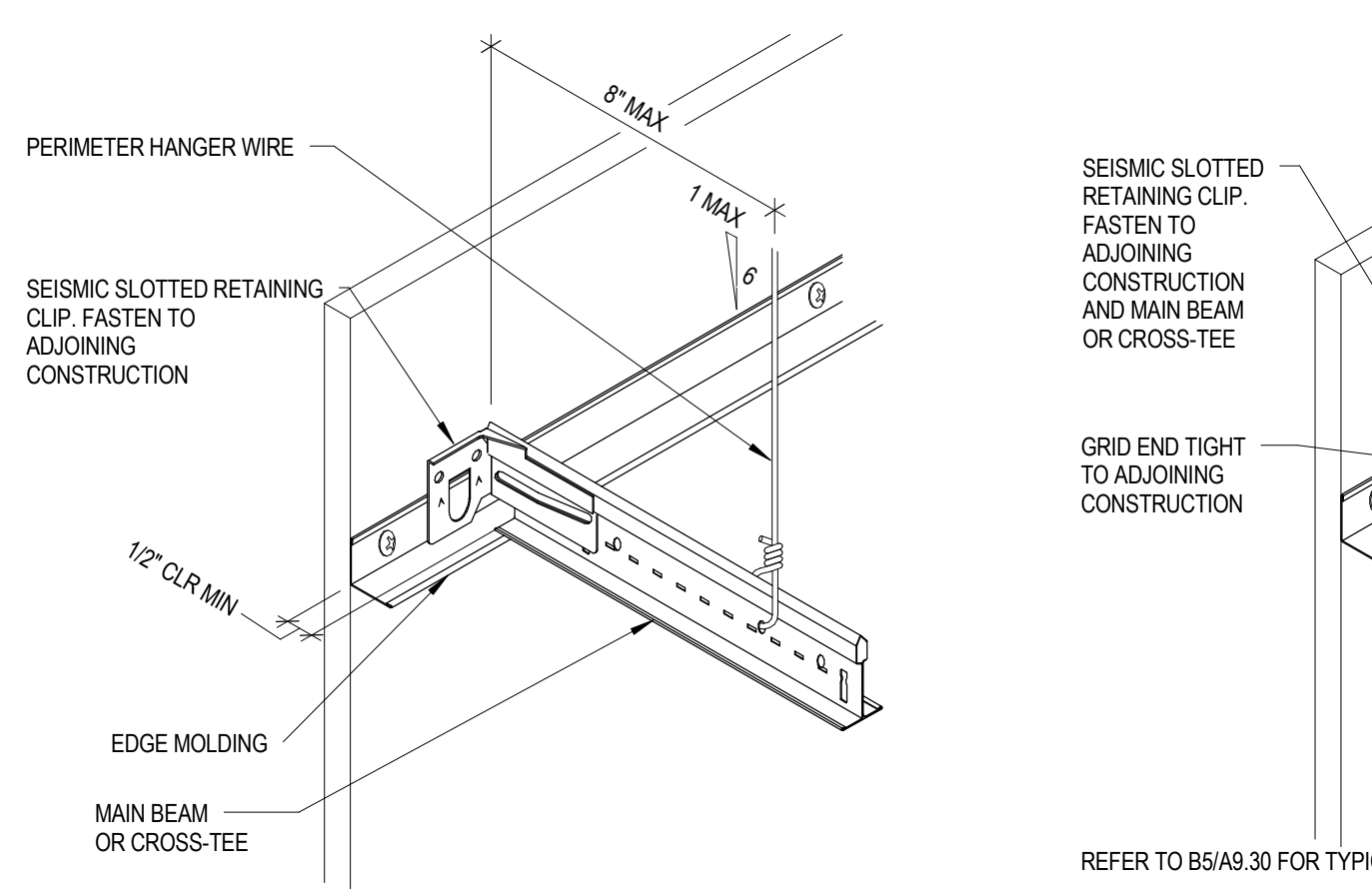
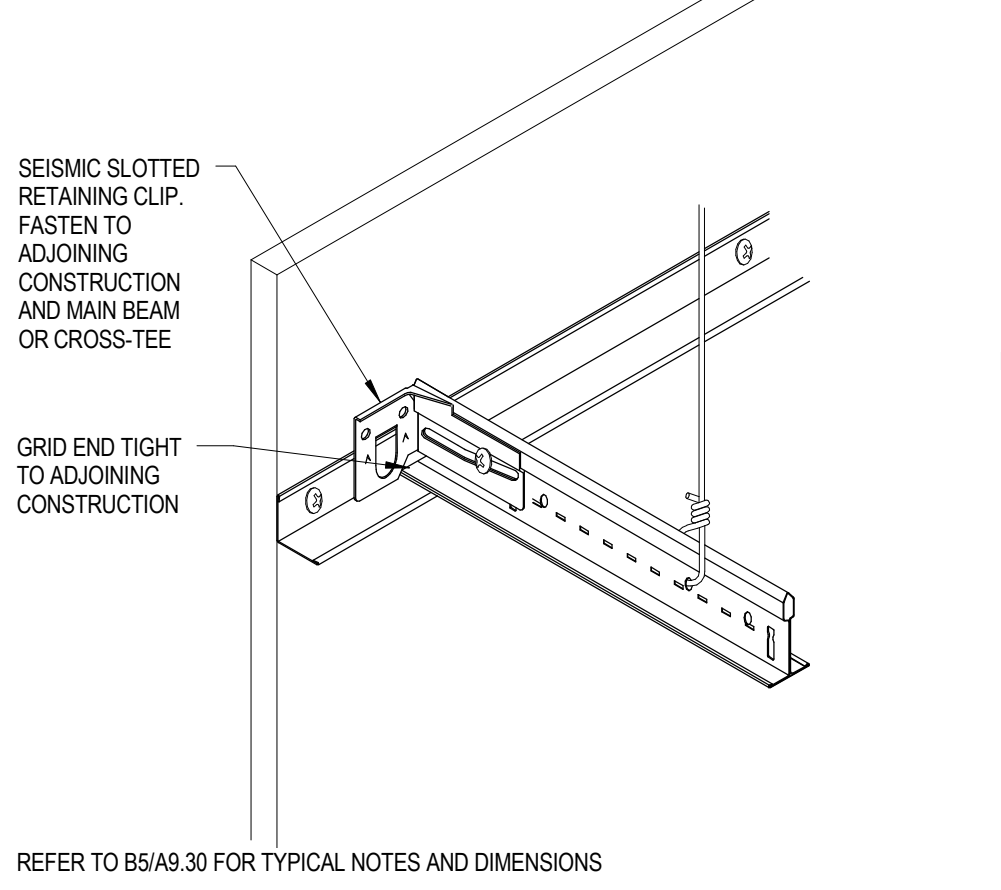


(A) PLAN - CEILING SUSPENSION DIAGRAM AND SEISMIC CRITERIA
1/8"=1'-0"

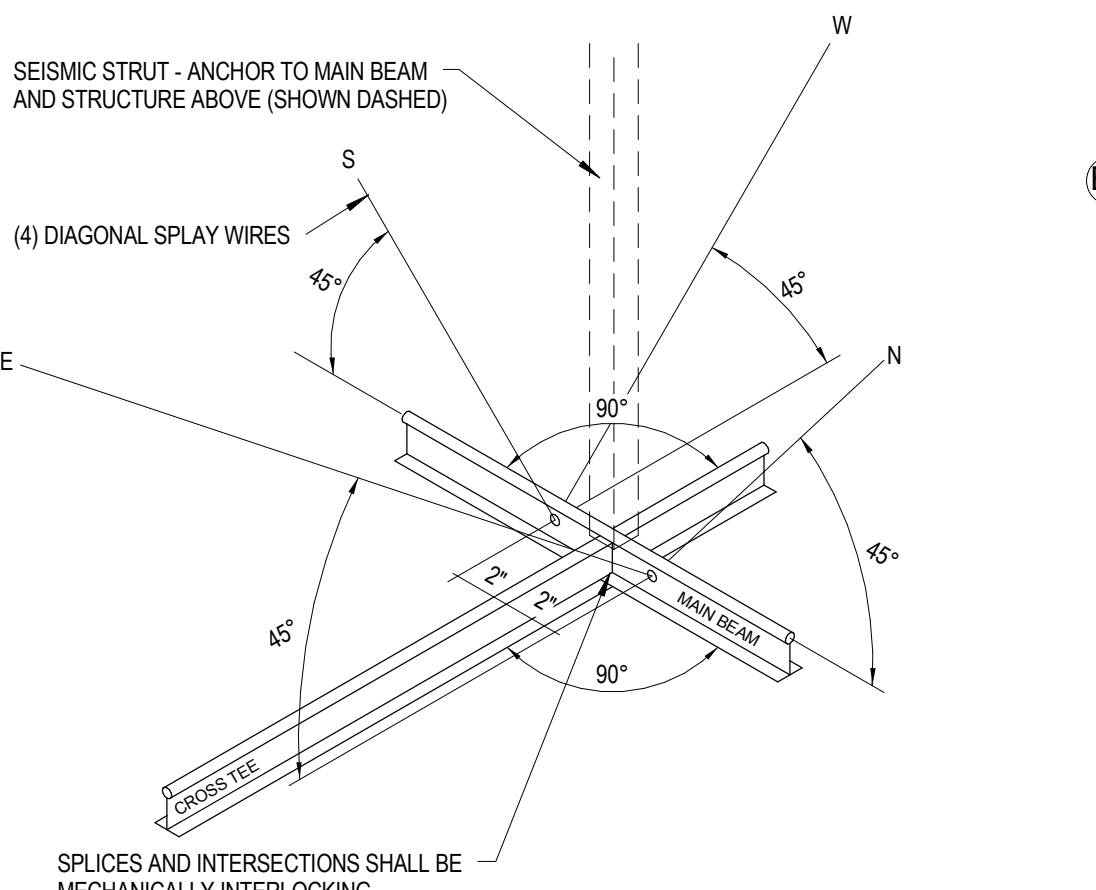
- SUSPENDED CEILING GENERAL NOTES:**
- HANGER WIRES: 4'-0" OC EACH WAY (MAX), NOT MORE THAN 6:1 OUT OF PLUMB UNLESS COUNTER SLOPING WIRES PROVIDED.
 - PARTITION ATTACHMENT: CEILING SYSTEM MAY NOT BE USED TO SUPPORT WALLS OR PARTITIONS.
 - PERIMETER CLOSURE: EDGE MOLDING, 7/8" WIDE MIN, UNLESS OTHERWISE SCHEDULED.
 - SEISMIC DESIGN CRITERIA: COMPLY WITH BC-2009, SECTION 1621 (SEISMIC DESIGN CATEGORY D/E/F) AND CISCA - RECOMMENDATIONS FOR DIRECT-HUNG ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS (SEISMIC ZONES 3-4). NOTE THAT THE FOLLOWING DOES NOT APPLY TO CEILING AREAS OF 144 SF OR LESS SURROUNDED BY PARTITIONS THAT CONNECT DIRECTLY TO THE STRUCTURE ABOVE.
- A. PERIMETER CLOSURE CLEARANCE:** 1/2" CLEARANCE BETWEEN END OF GRID AND ADJOINING CONSTRUCTION ON 2 SIDES; END OF GRID TIGHT TO ADJOINING CONSTRUCTION ON THE OTHER 2 SIDES.
- B. PERIMETER SUPPORT:** PROVIDE PERIMETER HANGER WIRES AT ENDS OF MAIN BEAMS AND CROSS-TEES AT 8" (MAX) FROM EACH WALL OR CHANGE IN PLANE.
- C. PERIMETER SPACERS:** PROVIDE SLOTTED RETAINING CLIP AT ENDS OF MAIN BEAMS AND CROSS-TEES (ATTACHED SIDE).
- D. LATERAL FORCE BRACING:** PROVIDE SPLAY WIRE BRACING CLUSTERS OF 4 WIRES ATTACHED TO MAIN BEAM WITHIN 2' OF CROSS-TEE INTERSECTION, WIRES ARRANGED AT 90 DEG FROM EACH OTHER AND AT ANGLE NOT GREATER THAN 45 DEG FROM PLANE OF CEILING. PROVIDE SEISMIC STRUT ATTACHED MAIN BEAMS AND STRUCTURE ABOVE AT EACH LATERAL FORCE BRACING LOCATION. RIGID BRACING AND SEISMIC STRUT MAY BE USED IN LIEU OF SPLAY WIRES AND SEISMIC STRUT. CONTINUOUS CEILING AREA NOT TO EXCEED 2,500 SF. LATERAL FORCE BRACING IS NOT REQUIRED AT CEILING AREAS LESS THAN 1,000 SF.
- E. PENETRATIONS:** CEILING PENETRATIONS (COLUMNS, WALLS, SPRINKLERS, ETC.) AND INDEPENDENTLY SUPPORTED FIXTURES OR SERVICES ARE TO BE TREATED AS PERIMETER CLOSURES AND SHALL MAINTAIN CLEARANCE AT END OF GRID WITH SUITABLE ESCUTCHEONS OR CLOSURES. EXCEPT WHEN RIGID BRACING AND SEISMIC STRUTS ARE USED, PROVIDE SPRINKLER HEADS AND OTHER PENETRATIONS WITH 2" OVER-SIZE ESCUTCHEON, SLEEVE, OR ADAPTER THROUGH THE CEILING PANEL TO ALLOW 1" FREE MOVEMENT IN ALL HORIZONTAL DIRECTIONS.
- F. FIXTURES AND SERVICES:** REFER TO MEP/PD DOCUMENTS AND CISCA REQUIREMENTS FOR SUPPORT OF LIGHT FIXTURES AND OTHER SERVICES WITHIN THE CEILING.



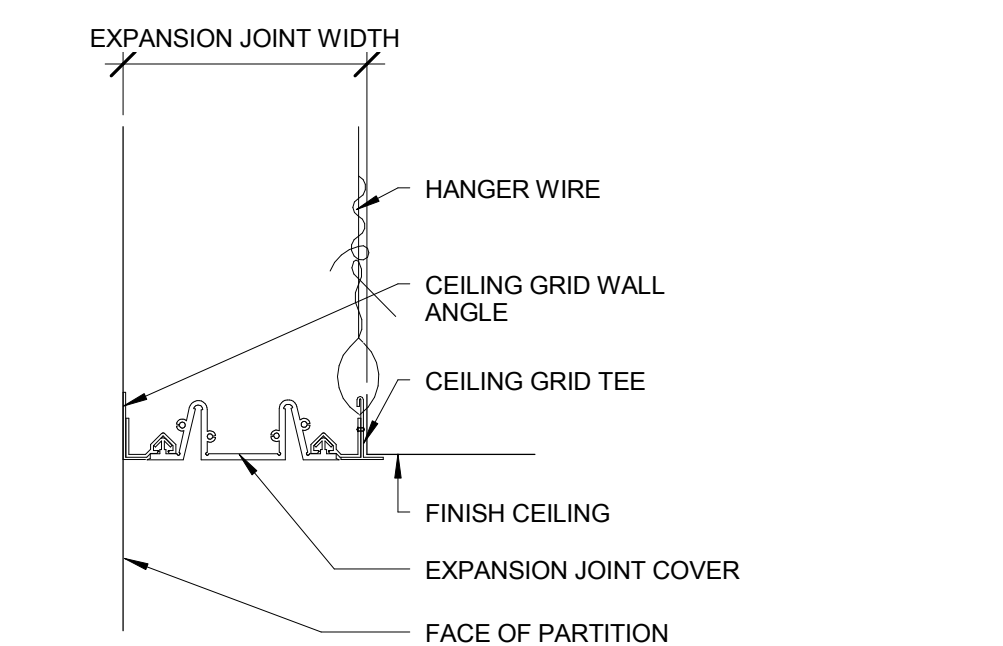
(C1) ISOMETRIC - UNATTACHED SIDE
3"=1'-0" (IBC-2009 D/E/F, CISCA-3/4)



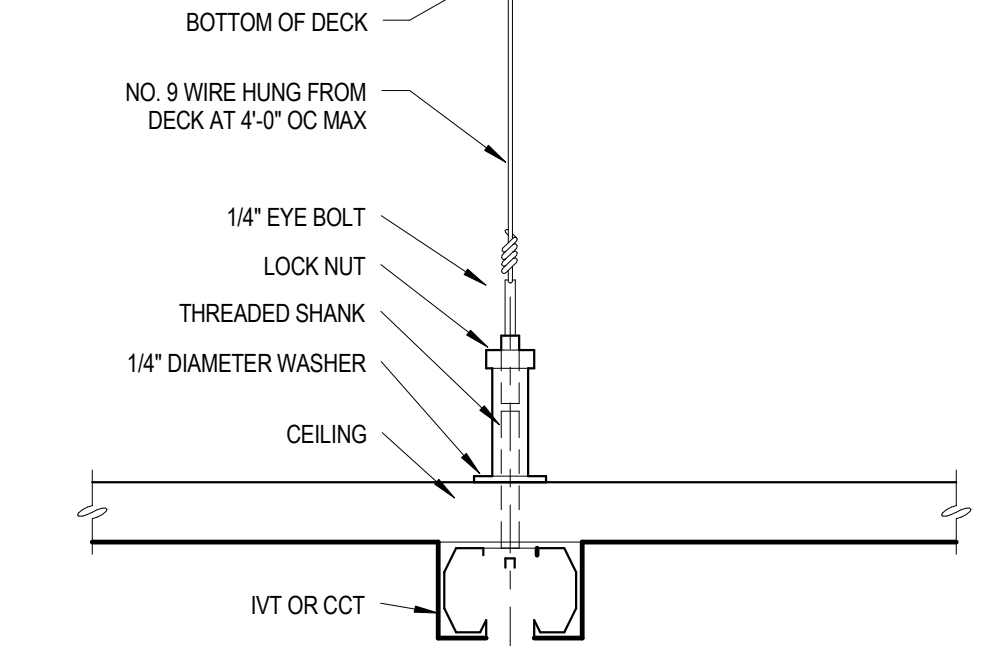
(C2) ISOMETRIC - ATTACHED SIDE
3"=1'-0" (IBC-2009 D/E/F, CISCA-3/4)



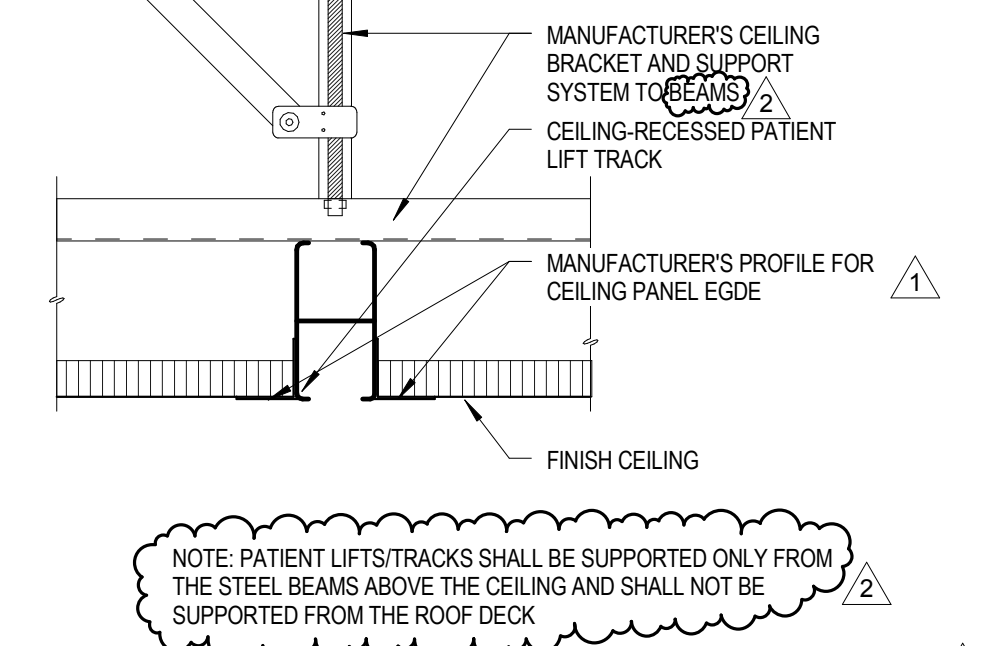
(C3) ISOMETRIC LATERAL FORCE BRACING
1 1/2"=1'-0" (IBC-2009 D/E/F, CISCA-3/4)



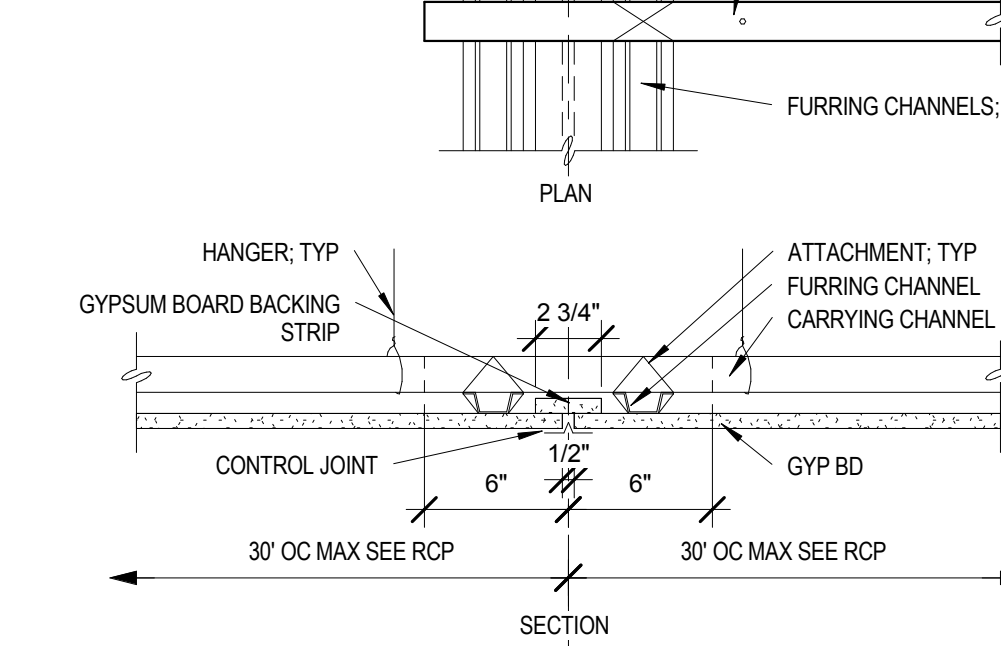
(A4) TYPICAL LAY-IN CEILING EXPANSION JOINT COVER
3"=1'-0"



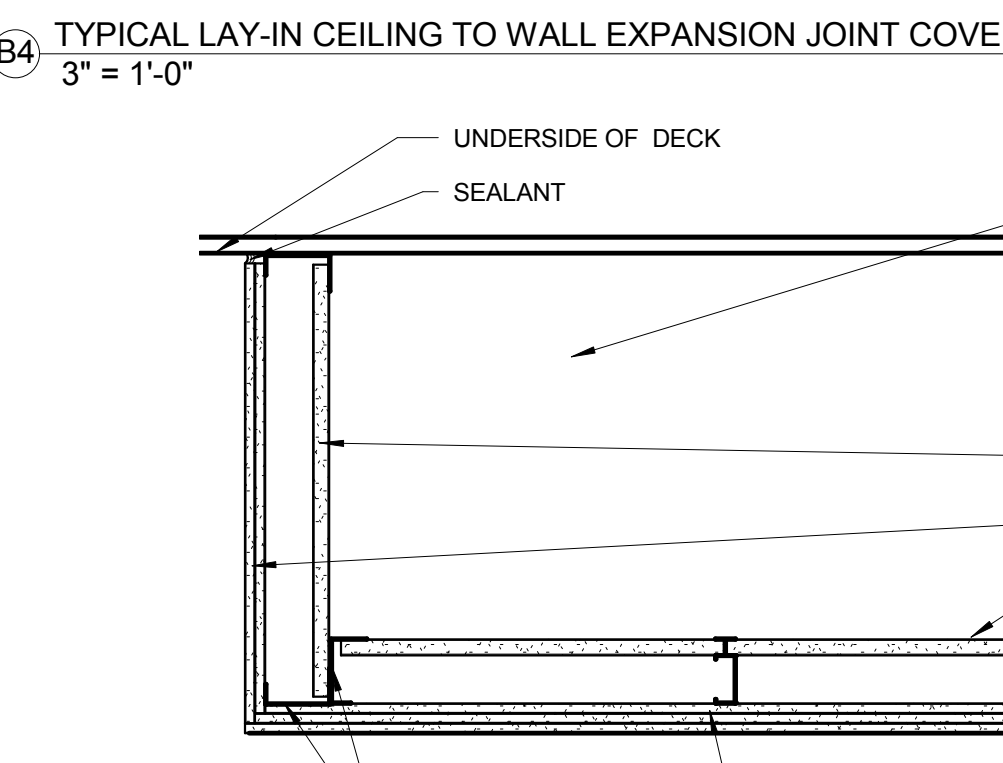
(A6) TYPICAL GYP BD CEILING EXPANSION JOINT DETAIL
3"=1'-0"



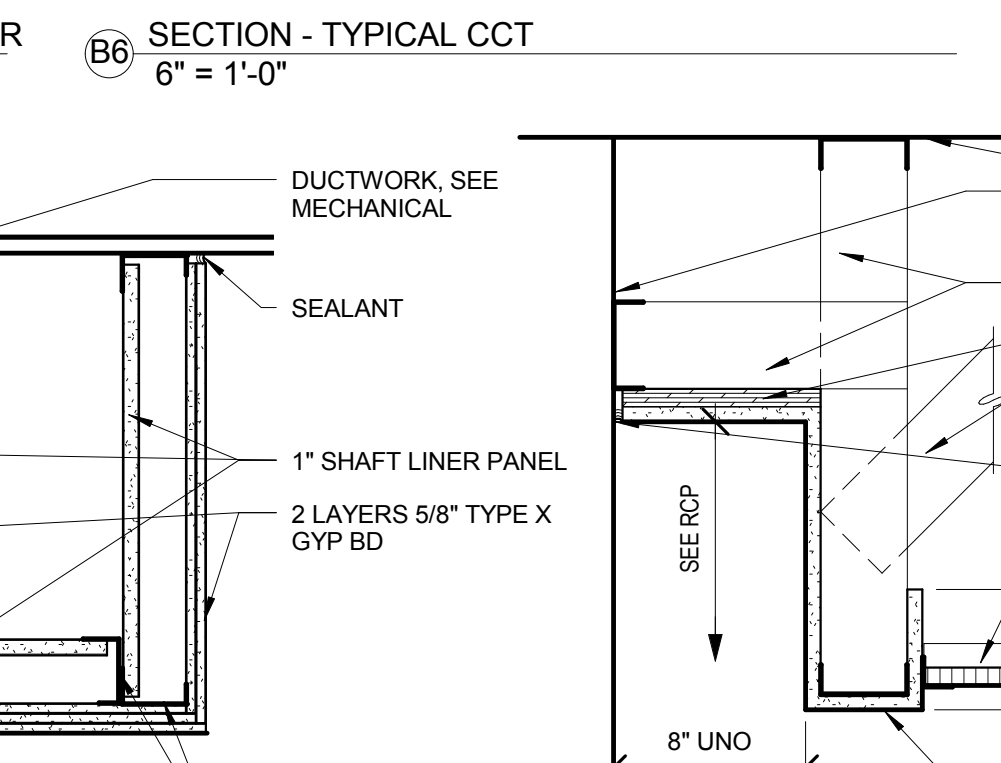
(A8) TYPICAL GYP BD CEILING TO WALL EXPANSION JOINT DETAIL
3"=1'-0"



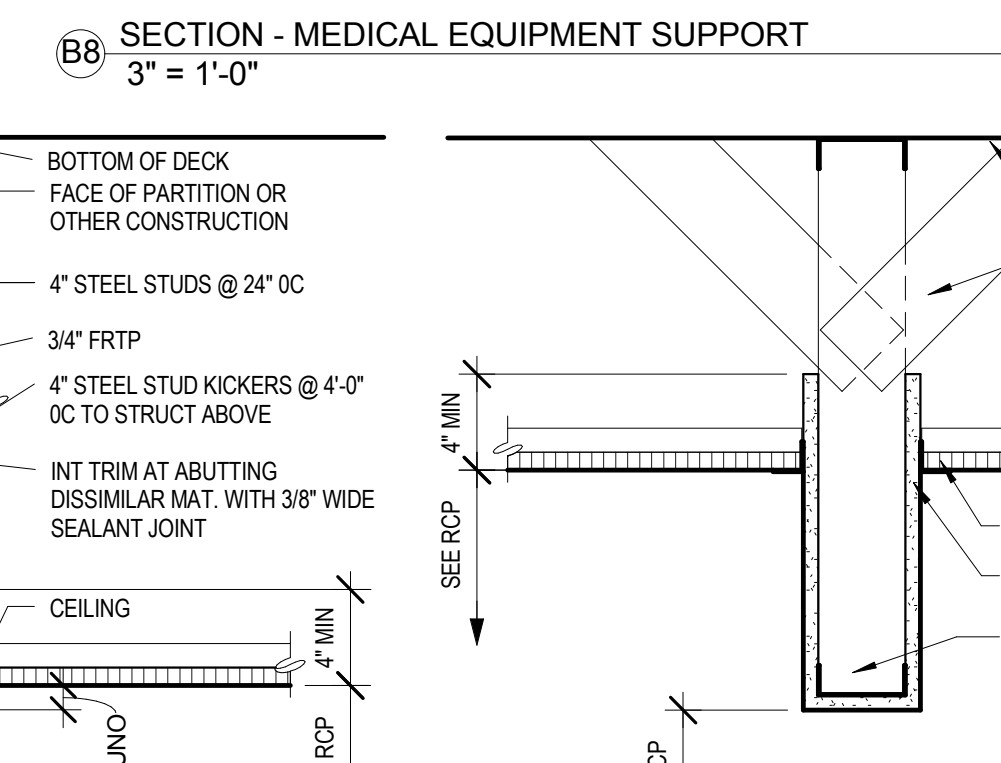
(B9) SECTION - TYPICAL GYP BD CONTROL JOINT
1 1/2"=1'-0"



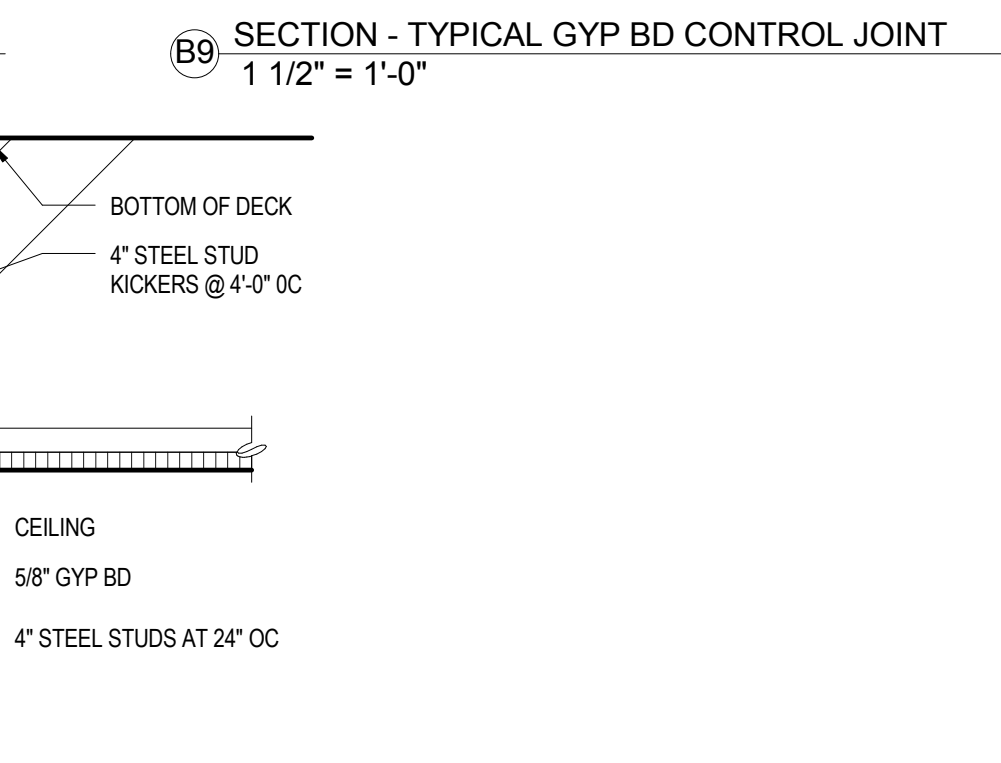
(B4) TYPICAL LAY-IN CEILING TO WALL EXPANSION JOINT COVER
3"=1'-0"



(B6) SECTION - TYPICAL CCT
6"=1'-0"



(B8) SECTION - MEDICAL EQUIPMENT SUPPORT
3"=1'-0"

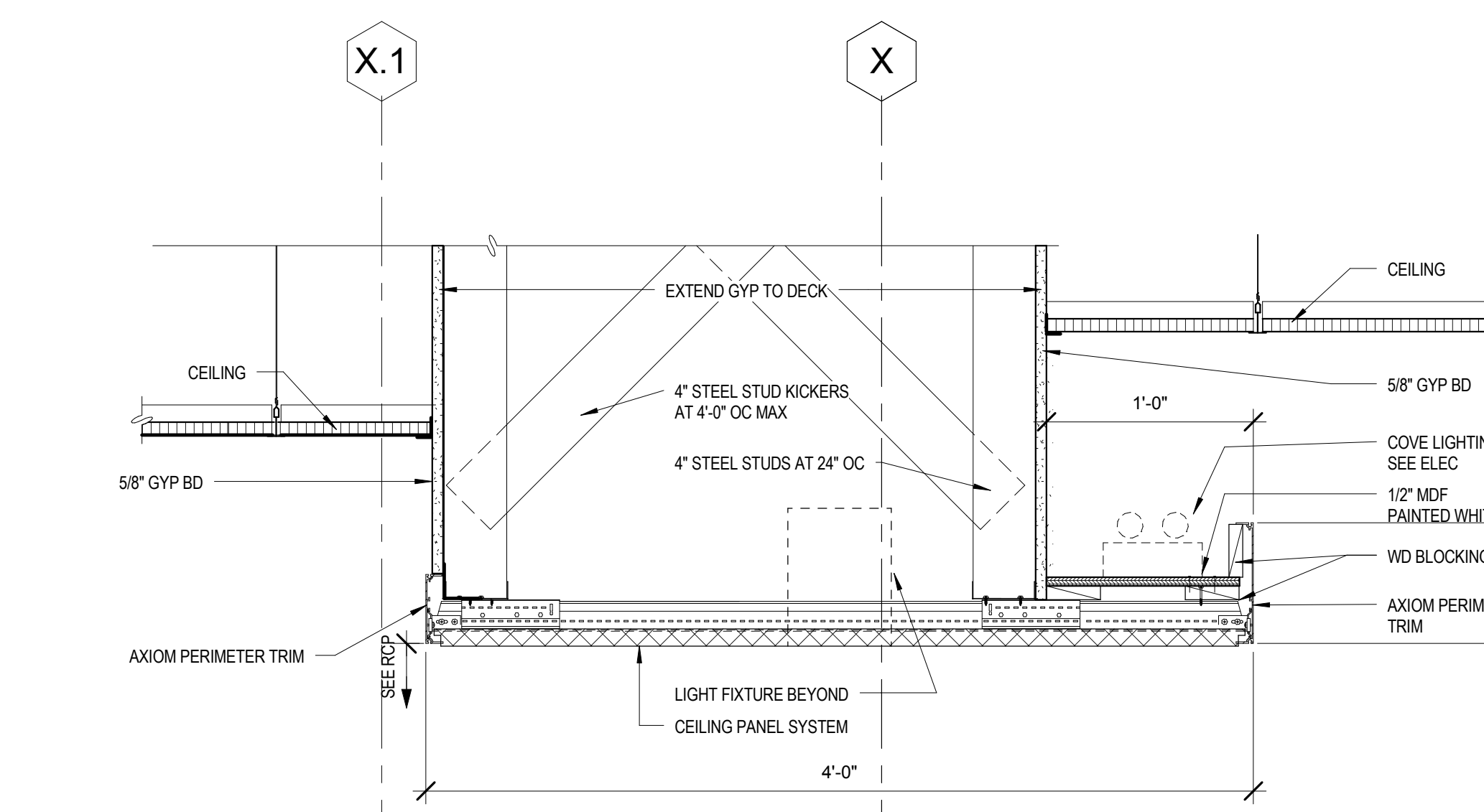


(B9) SECTION - TYPICAL GYP BD CONTROL JOINT
1 1/2"=1'-0"

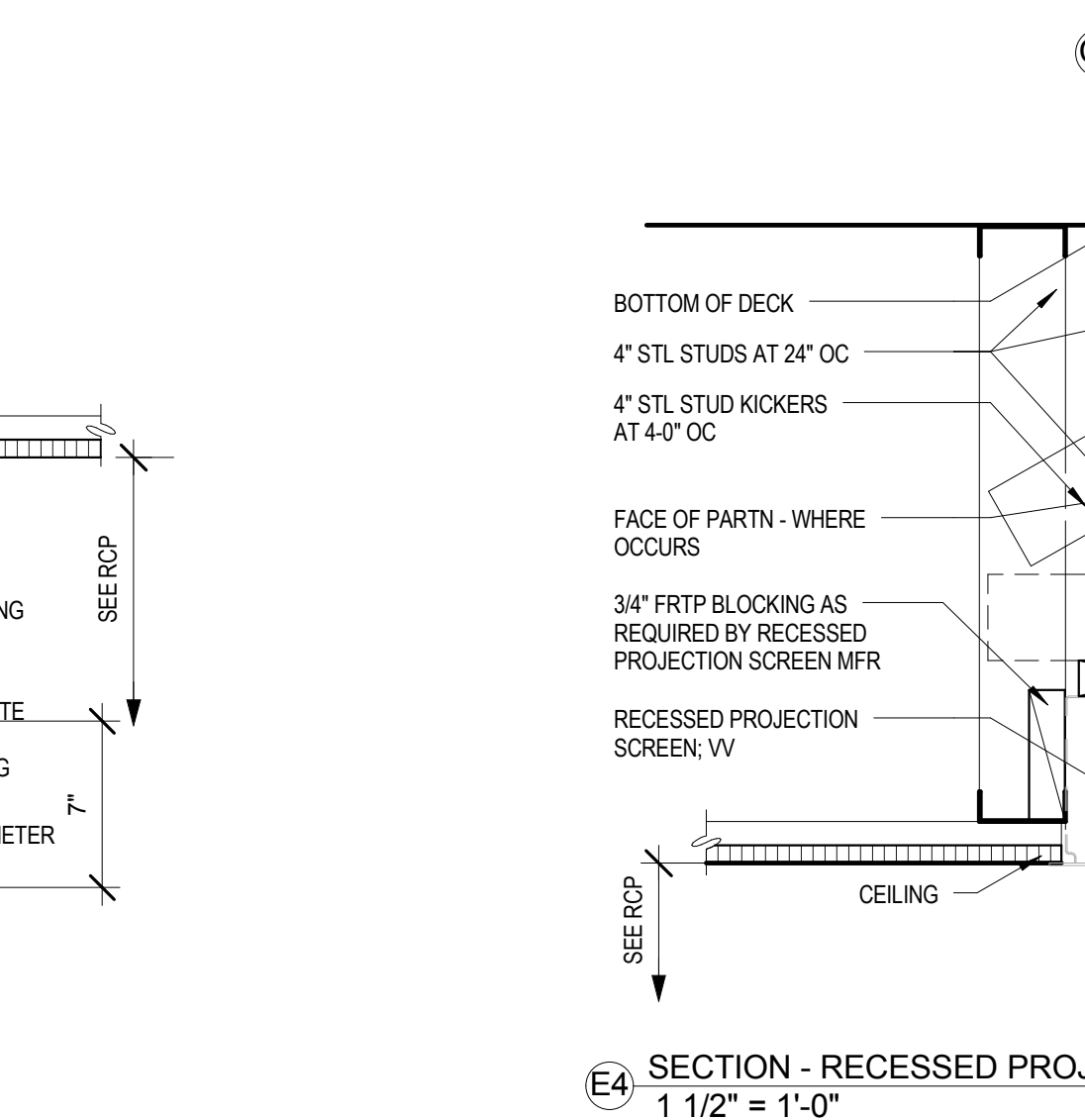
(C4) SECTION AT RATED CEILING
1"=1'-0"

(C6) SECTION - TYPICAL DRAPERY POCKET
1 1/2"=1'-0"

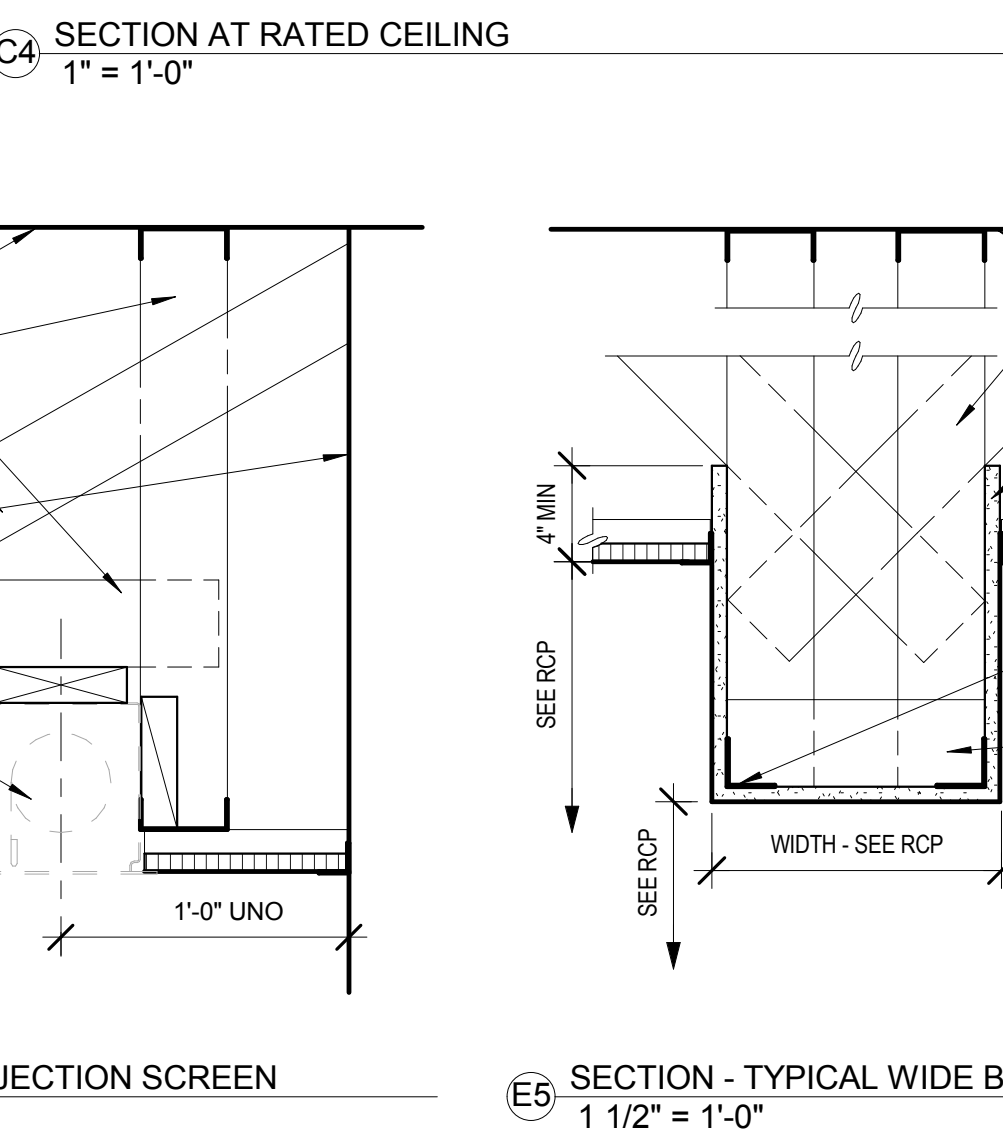
(C7) SECTION - TYPICAL BULKHEAD
1 1/2"=1'-0"



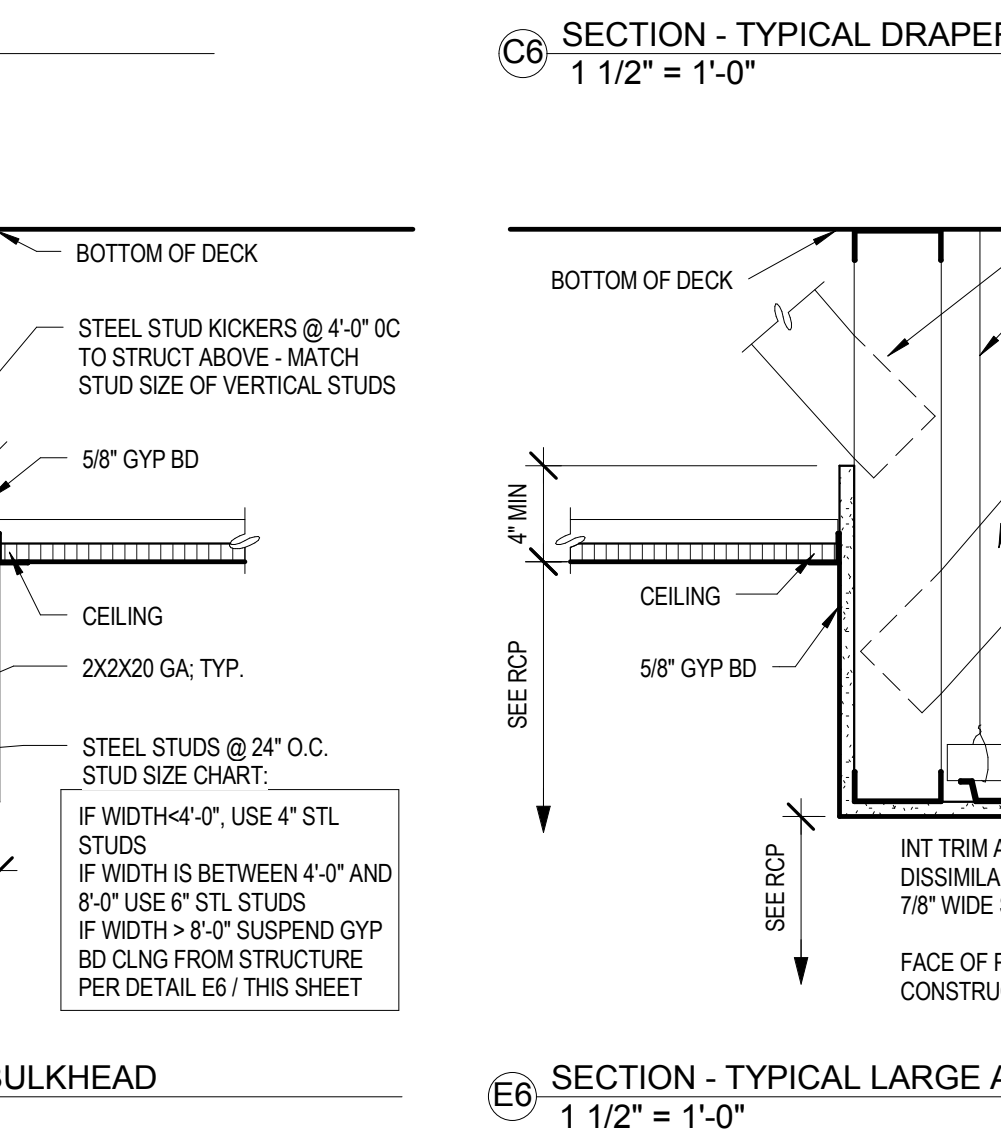
(E1) NURSE STATION SOFFIT DETAIL
1 1/2"=1'-0"



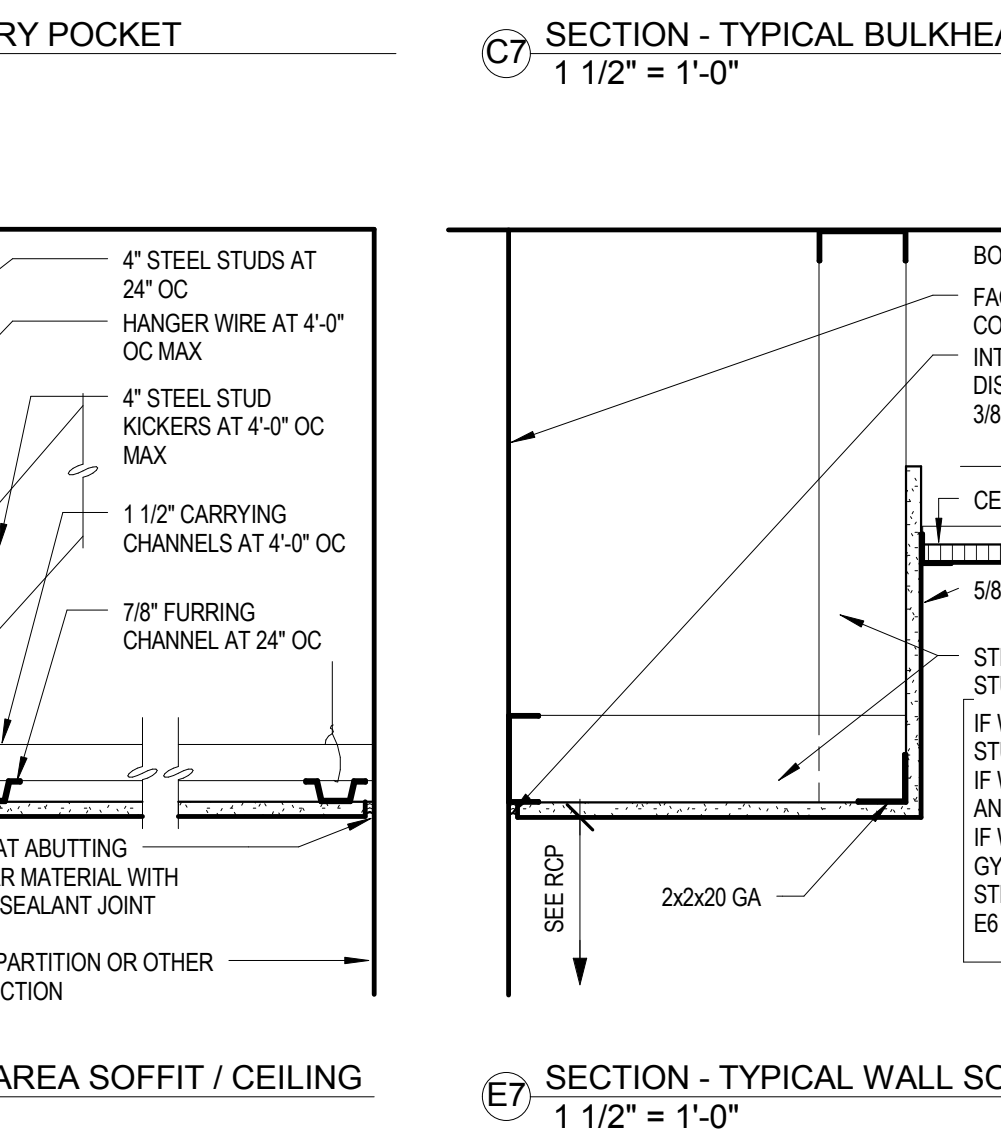
(E4) SECTION - RECESSED PROJECTION SCREEN
1 1/2"=1'-0"



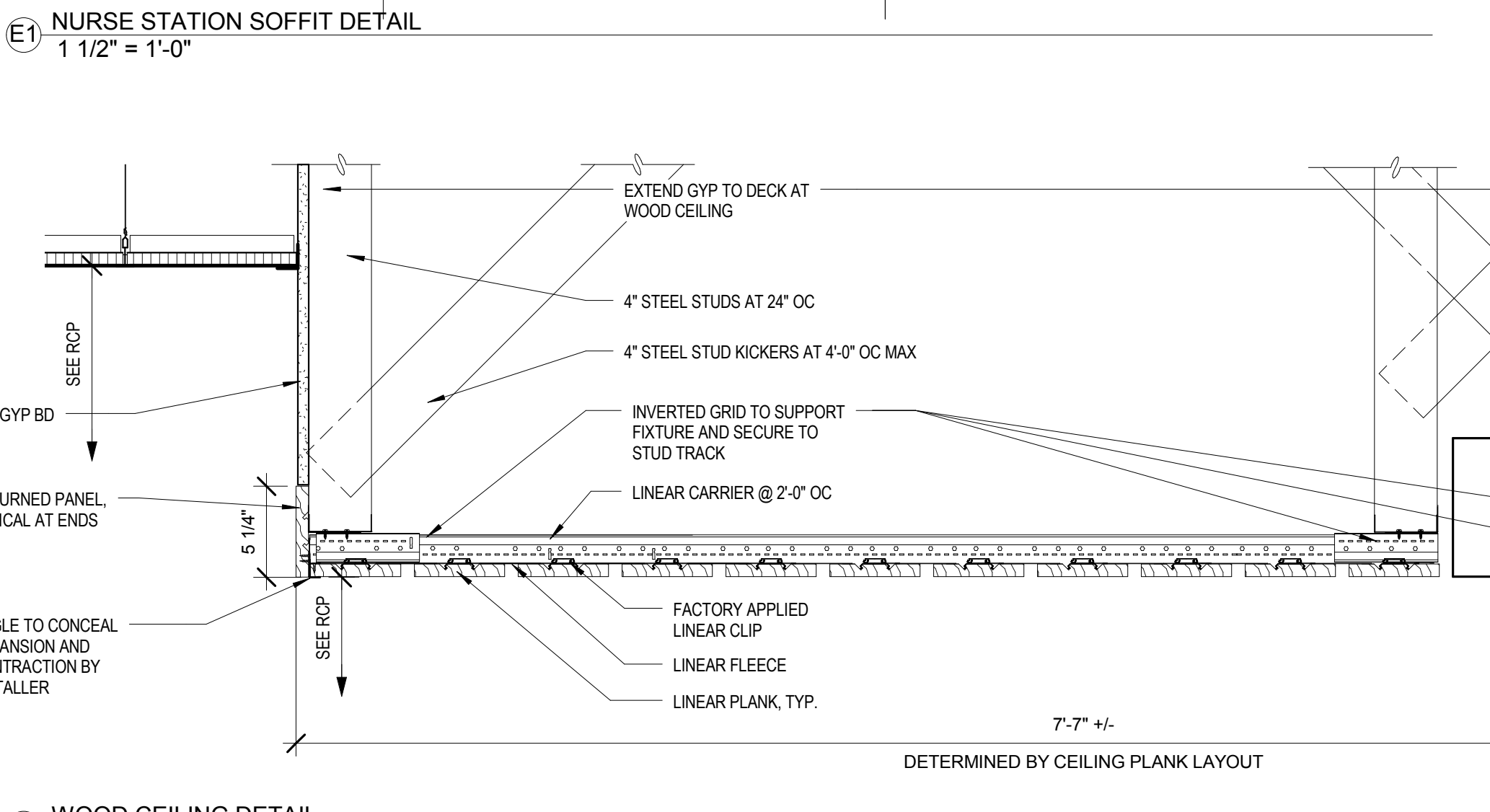
(E5) SECTION - TYPICAL WIDE BULKHEAD
1 1/2"=1'-0"



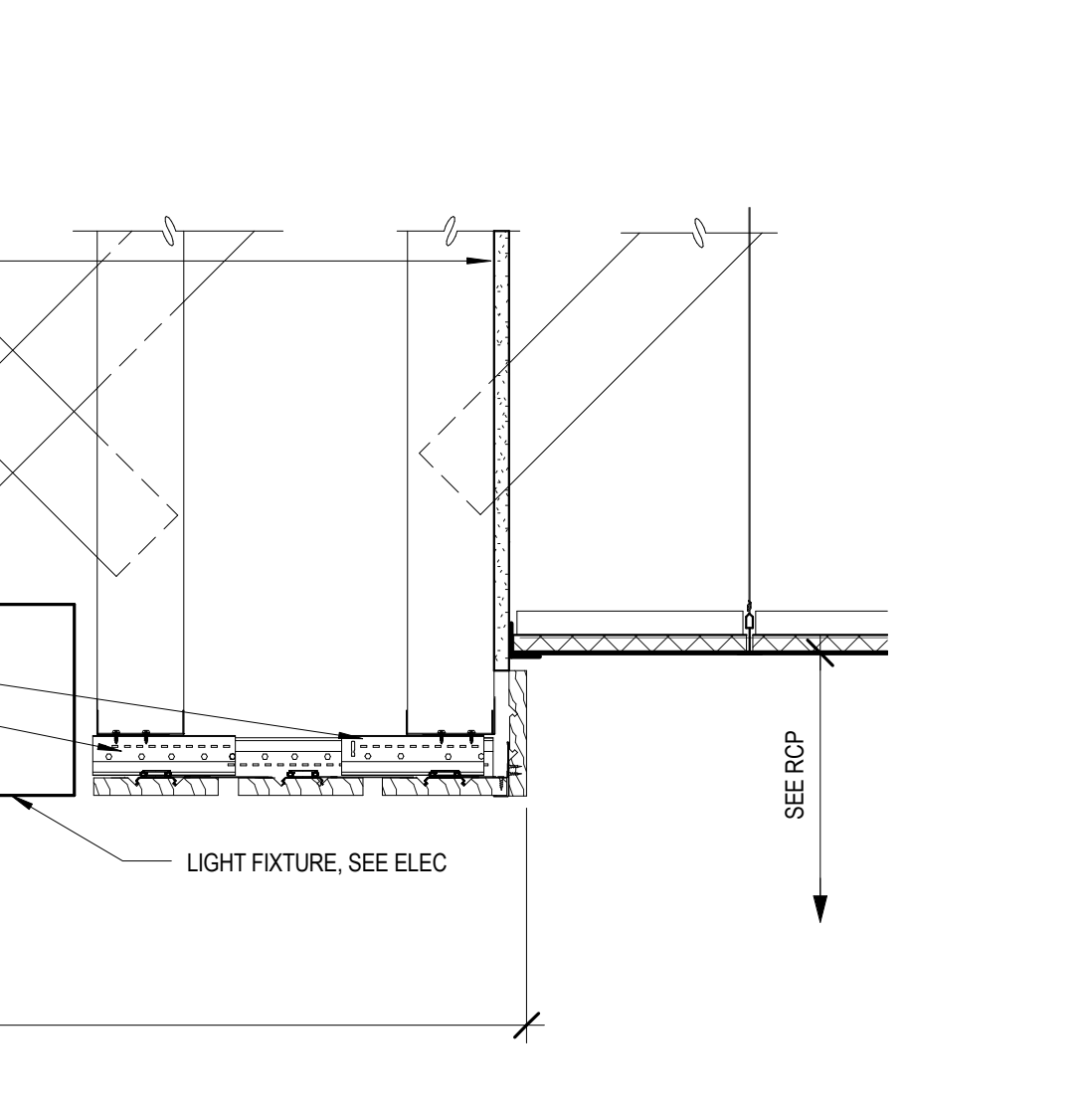
(E6) SECTION - TYPICAL LARGE AREA SOFFIT / CEILING
1 1/2"=1'-0"



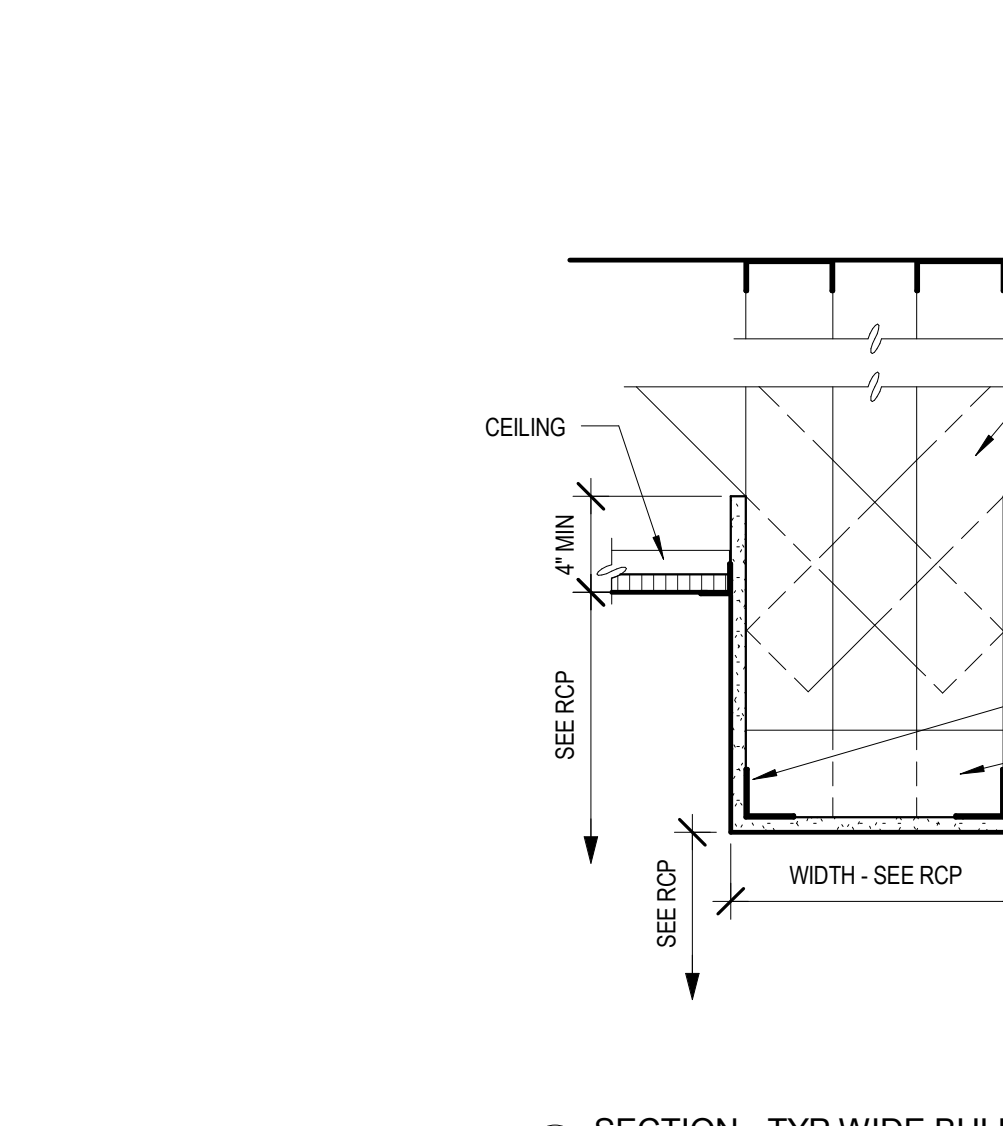
(E7) SECTION - TYPICAL WALL SOFFIT
1 1/2"=1'-0"



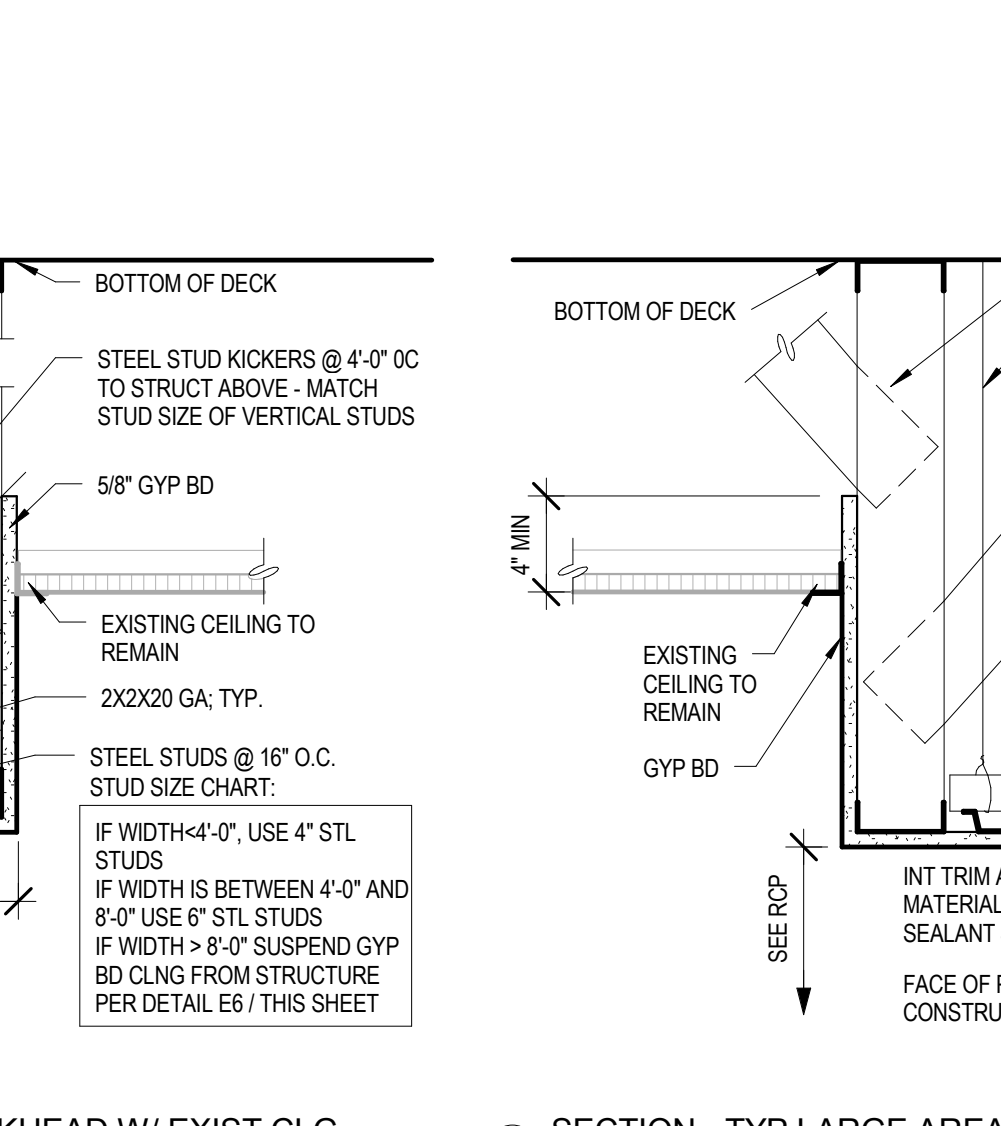
(F1) WOOD CEILING DETAIL
1 1/2"=1'-0"



(F5) SECTION - TYP WIDE BULKHEAD W/ EXIST CLG
1 1/2"=1'-0"

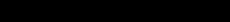


(F6) SECTION - TYP LARGE AREA SOFFIT / CLG W/ EXIST CLG
1 1/2"=1'-0"



(F7) SECTION @ BEAM
1 1/2"=1'-0"

FULLY SPRINKLERED CONSTRUCTION DOCUMENTS

			CONSULTANTS:						ARCHITECT/ENGINEERS:			Drawing Title CEILING DETAILS			Project Title INTENSIVE CARE UNIT			Project Number 589-330		Office of Construction and Facilities Management						
			STRUCTURAL ENGINEER: KPFF CONSULTING ENGINEERS - ST. LOUIS 1630 DES PERES RD, SUITE 100 SAINT LOUIS, MO 63131			PLUMBING: 303RD ENGINEERING GROUP, LLC 1935 ARSENAL STREET ST. LOUIS, MO 63118			LIFE SAFETY/FIRE PROTECTION: CODE CONSULTANTS, INC. 2043 WOODLAND PARKWAY, SUITE 300 ST. LOUIS, MO 63146			COMMISSIONING: ZODIAC INTERNATIONAL 16100 CHESTERFIELD PARKWAY, SUITE 365 CHESTERFIELD, MO 63017			<div>THE SEAL (S) AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND WE EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OF PARTS OF THE PROJECT. © COPYRIGHT 2012 CHRISTNER INC.</div>			Location HARRY S. TRUMAN VAMC				Building Number 1		Drawing Number AE900 Dwg. 89 of 201		
			MECHANICAL/ELECTRICAL: KJWW ENGINEERING CONSULTANTS - ST. LOUIS #15 SUNNEN DRIVE, SUITE 104 ST. LOUIS, MO 63141			ESTIMATING: KWAME BUILDING GROUP 1204 WASHINGTON AVE, SUITE 200 ST. LOUIS, MO 63103			ACOUSTICAL ENGINEERS: ACUSTICCONTROL, LLC 1709 WASHINGTON AVENUE, LOFT 300 ST. LOUIS, MO 63103			ENVIRONMENTAL: ENVIRONMENTAL CONSULTANTS, LLC #6 MEADOW HEIGHTS PROFESSIONAL PARK DR COLLINSVILLE, IL 62234														
22/9/15Amendment #6			11/14/15Amendment #4																							
No. DateRevisions																								 Department of Veterans Affairs		